

Title (en)

GAS TURBINE ENGINE PERFORMANCE SEEKING CONTROL

Title (de)

OPTIMIERTE STEUERUNG FÜR GASTURBINENMOTORLEISTUNG

Title (fr)

COMMANDE D'OPTIMISATION DE PERFORMANCE DE MOTEUR À TURBINE À GAZ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013123385A1] A gas turbine engine control system is disclosed having a model and an observer that together can be used to adjust a command issued to the gas turbine engine or associated equipment to improve performance. In one form the control system includes a nominal model that is adjusted to real time conditions. The adjusted model is used with a Kalman filter and is ultimately used to determine a perturbation to a control signal. In one form the perturbation can be to a legacy controller.

IPC 8 full level

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CPC (source: EP US)

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